OIPE JC
JUN 21 2004
PATENT & TRADEMARK OFFICE 650

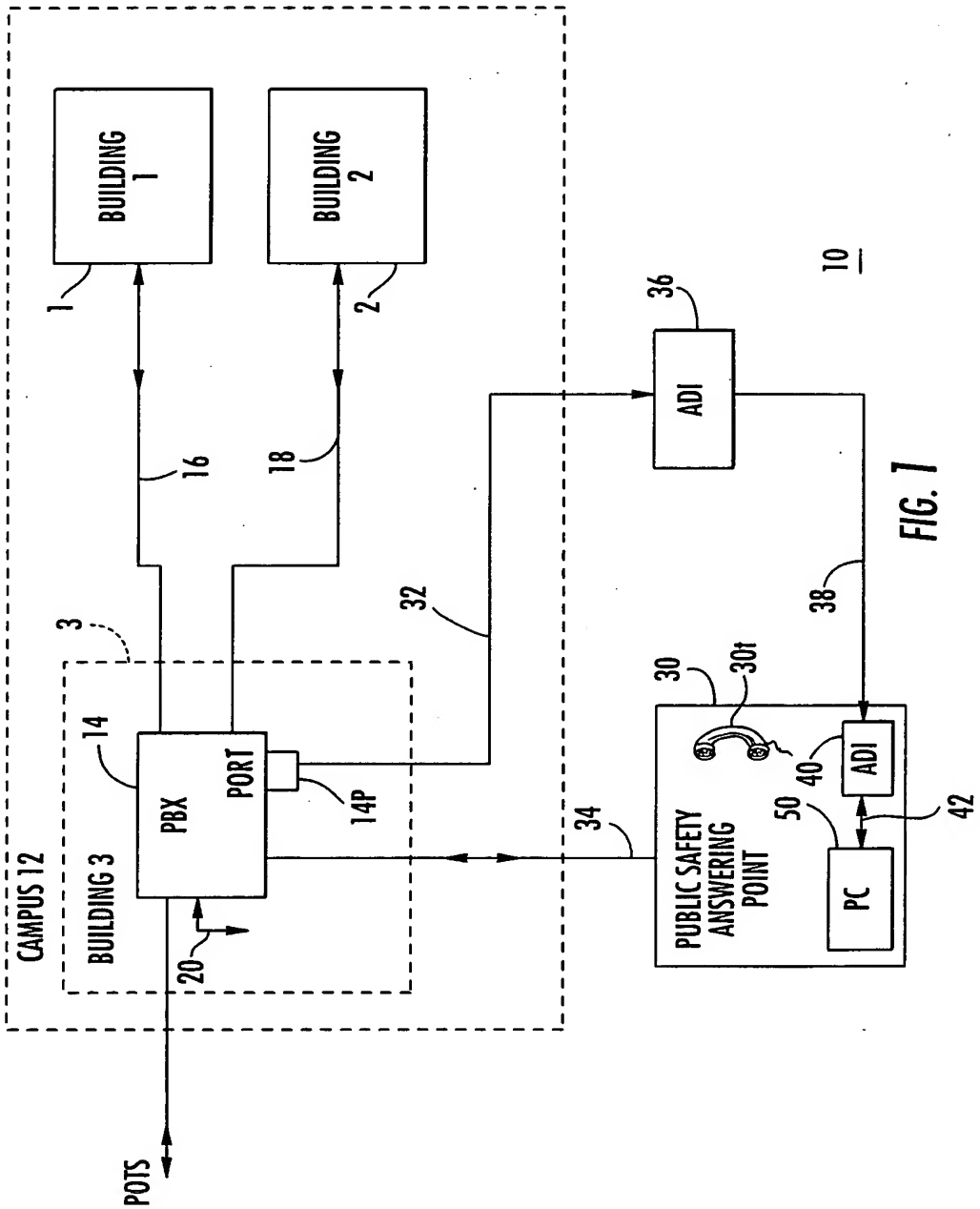

FIG. 1

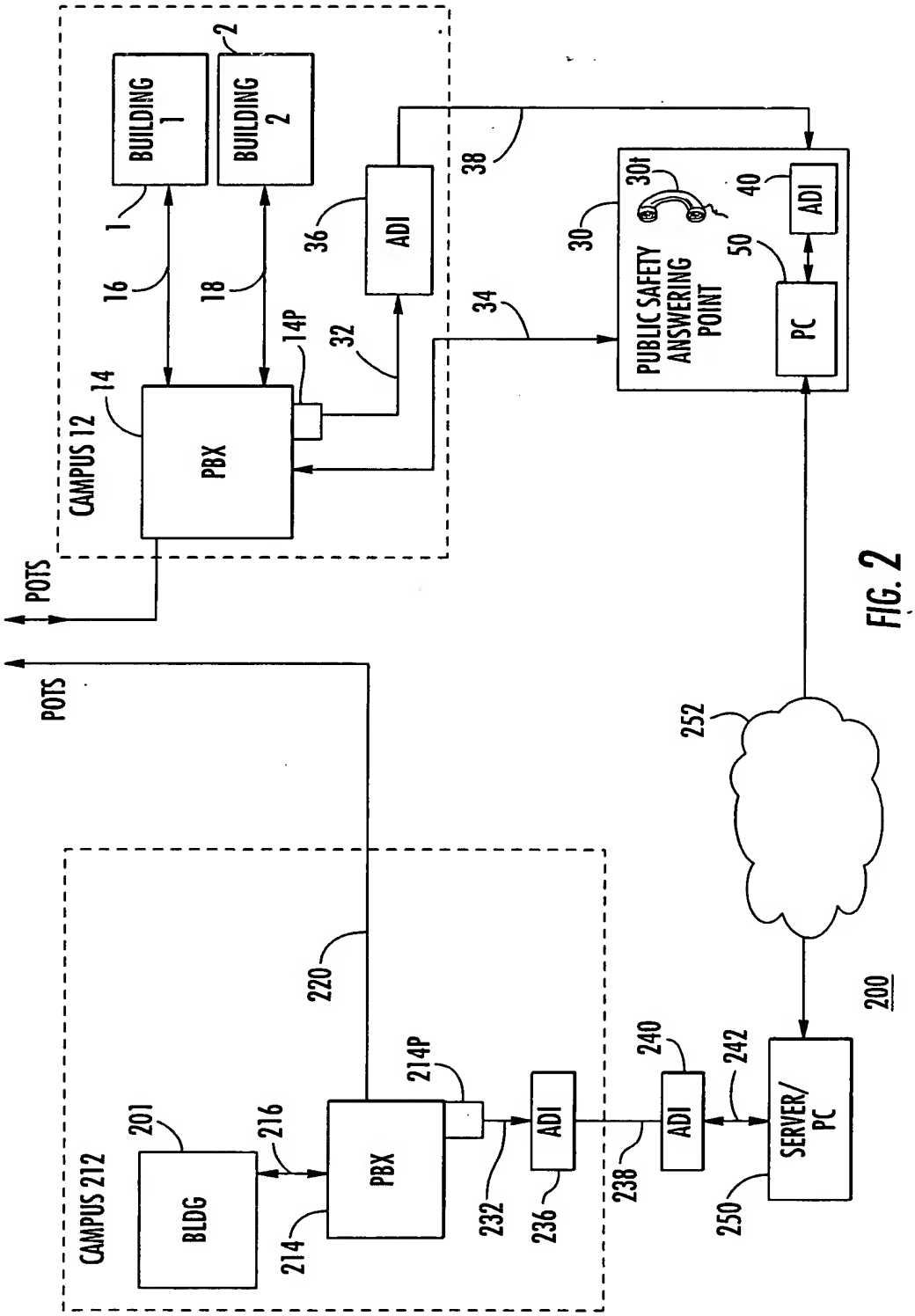
CAMPUS 12
BUILDING 1
BUILDING 2
1
2
16
18
14
14P
PBX
ADI
36
32
34
38
POTS
PUBLIC SAFETY ANSWERING POINT
30
30f
40
ADI
50
PC
252
220
CAMPUS 212
201
BLDG
216
214
PBX
214P
232
ADI
236
240
ADI
238
242
SERVER/ PC
250
200

FIG. 2

DESTINATION PHONE #	STATUS
1-0001	NONEMERGENCY
⋮	⋮
1-1234	ALIEN ATTACK
1-1235	FIRE
1-1236	MEDICAL
1-1237	NONEMERGENCY
⋮	⋮

301

FIG. 3a

SOURCE PHONE #	STATUS
1-0001	A BLDG 1
1-0002	B BLDG 1
1-0003	C BLDG 2
1-0004	D BLDG 2
⋮	⋮
2-0001	N BLDG 201
⋮	⋮

302

FIG. 3b

DESTINATION PHONE #	STATUS
2-0001	NONEMERGENCY
2-2002	NONEMERGENCY
⋮	⋮
1-1235	FIRE
1-1236	MEDICAL
1-0001	NONEMERGENCY

303

FIG. 3c

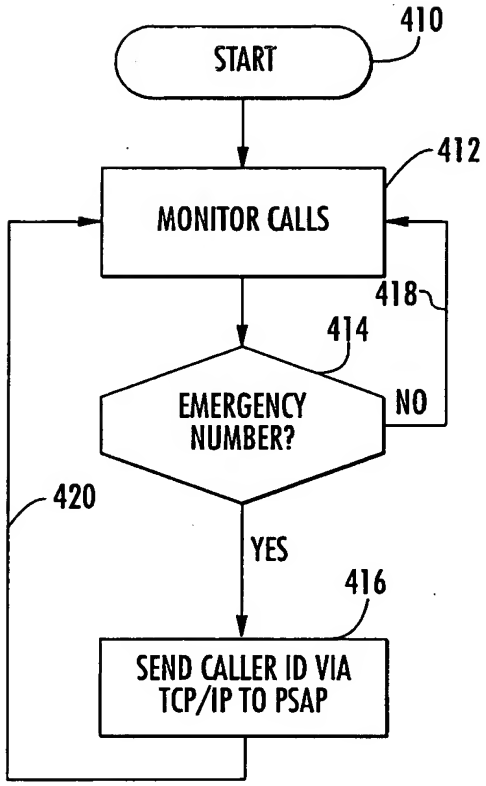
410
START
412
MONITOR CALLS
418
414
EMERGENCY NUMBER?
NO
420
YES
416
SEND CALLER ID VIA TCP/IP TO PSAP

FIG. 4a

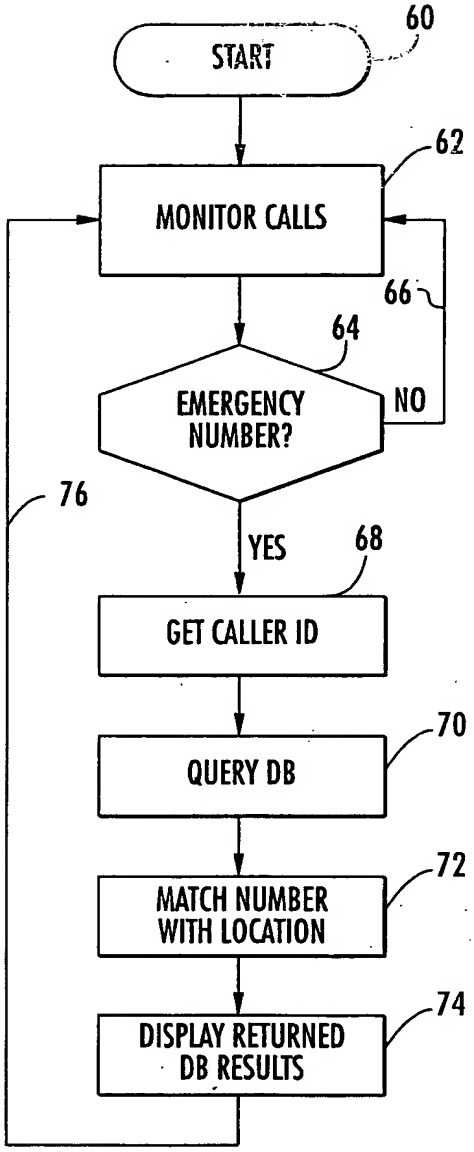
START
60
MONITOR CALLS
62
66
64
EMERGENCY NUMBER?
NO
YES
76
68
GET CALLER ID
QUERY DB
70
MATCH NUMBER WITH LOCATION
72
DISPLAY RETURNED DB RESULTS
74

FIG. 4b